



MISSISSIPPI STATE DEPARTMENT OF HEALTH

2020 CERTIFICATION**Consumer Confidence Report (CCR)**

Hermanville Community Water Association, Inc.
Public Water System Name

0110003

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR.

CCR DISTRIBUTION (Check all boxes that apply.)	
INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other)	DATE ISSUED
<input checked="" type="checkbox"/> Advertisement in local paper (Attach copy of advertisement)	
<input type="checkbox"/> On water bills (Attach copy of bill)	
<input type="checkbox"/> Email message (Email the message to the address below)	
<input type="checkbox"/> Other _____	
DIRECT DELIVERY METHOD (Attach copy of publication, water bill or other)	DATE ISSUED
<input type="checkbox"/> Distributed via U. S. Postal Mail	
<input type="checkbox"/> Distributed via E-Mail as a URL (Provide Direct URL): _____	
<input type="checkbox"/> Distributed via E-Mail as an attachment	
<input type="checkbox"/> Distributed via E-Mail as text within the body of email message	
<input checked="" type="checkbox"/> Published in local newspaper (attach copy of published CCR or proof of publication)	
<input type="checkbox"/> Posted in public places (attach list of locations)	
<input type="checkbox"/> Posted online at the following address (Provide Direct URL): _____	
<p align="center">CERTIFICATION</p> <p>I hereby certify that the CCR has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the PWS officials by the MSDH, Bureau of Public Water Supply.</p> <p> <u>Dorene L. Hicks</u> <u>Bookkeeper, Billing Clerk</u> <u>6/29/21</u> Name Title Date <u>Board Secretary</u> </p>	
<p align="center">SUBMISSION OPTIONS (Select one method ONLY)</p> <p align="center">You must email, fax (not preferred), or mail a copy of the CCR and Certification to the MSDH.</p> <p> Mail: (U.S. Postal Service) Email: <u>water.reports@msdh.ms.gov</u> MSDH, Bureau of Public Water Supply P.O. Box 1700 Fax: (601) 576-7800 <u>(NOT PREFERRED)</u> Jackson, MS 39215 </p>	

CCR DEADLINE TO MSDH & CUSTOMERS: BY JULY 1, 2021

2020 Annual Drinking Water Quality Report
Hermanville Water Association
PWS#: 0110003
June 2021

2021 JUN -7 AM 8:03

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Catahoula Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Hermanville Water Association have received lower to moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Valerie Townsend, Water Operator at 601.535.2669. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Monday of the month at 5:00 PM at the Hermanville Water Office located at 1027 HWY 548.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during the period of January 1st to December 31st, 2020. In cases where monitoring wasn't required in 2020, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2018*	.0201	.0199 - .0201	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2018*	2.1	1.9 - 2.1	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits

14. Copper	N	2017/19*	0	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2018*	.215	.208 - .215	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2017/19*	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

Disinfection By-Products

81. HAA5	Y	2020	70	5-70	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	Y	2020	167	7.38 = 167	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2020	1.2	.6 – 1.4	mg/l	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2020.

Disinfection By-Products:

(81) Haloacetic Acids (HAA5). Some people who drink water containing bromate in excess of the MCL over many years may have an increased risk of cancer
(82) Total Trihalomethanes (TTHMs). Some people who drink water containing Trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.

Our system exceeded the MCL for Disinfection Byproducts in 2020 The standard for Trihalomethanes (TTHM) is .080 mg/l. The standard for Haloacetic Acids are .060 mg/l. We are working with the MSDH to evaluate the water supply and researching options to correct the problem.

Our system received a follow up or routine violation for the Lead & Copper Rule.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Hermanville Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

The Port Gibson Reveille
P. O. Box 1002
Port Gibson, MS 39150

Invoice

Bill To

Hermanville Water Association
P O. Box 98
Port Gibson, MS 39150

Date	Invoice No.	P.O. Number	Terms	Project
06/25/21	288		Due on receipt	

Item	Description	Quantity	Rate	Amount
1/2 page ad	6/24/2021--Drinking Water Report		319.00	319.00T
			Subtotal	\$319.00
			Sales Tax (0.0%)	\$0.00
			Total	\$319.00

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PWS#: 0110003
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PUBLISHER'S OATH

STATE OF MISSISSIPPI,
CLAIBORNE COUNTY, MISSISSIPPI

Personally appeared before the undersigned
NOTARY PUBLIC of said County, EMMA F. CRISLER,
Publisher of The Port Gibson Reveille, a weekly
newspaper, printed and published in the town of Port
Gibson, in said county and state, who, being duly
sworn deposes and says that said newspaper has
been established for more than twelve months next
prior to first publication mentioned below; and who
further makes oath that publication of a notice (an
insertion), of which, the annexed is a copy, has been
made in said paper consecutively, to wit:

On the 24th day of June, 2021
On the _____ day of _____, 2021
On the _____ day of _____, 2021
On the _____ day of _____, 2021

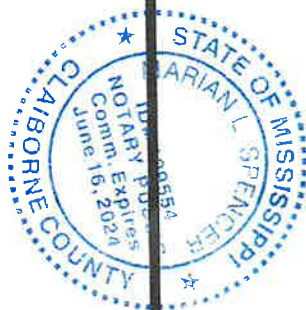
Emma F. Crisler, Publisher

And I, Marcel Spence do hereby certify
that the papers containing said notice have been
produced before me, and by me compared with the
copy annexed, and that I find the proof of publica-
tion thereof to be correctly made.

Witness my hand and seal, this 24th of

Fees and proof of publication,

\$319.00



in drinking water below which there is no known or expected risk to health. **MCLDs** allow for a margin of safety.

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TEST RESULTS						
Contaminant	Water Type	Code	Location	Range of Drinking Water Disinfection by-Products (MCLG)	Unit	Notes
Inorganic Contaminants						
10. Arsenic	N	2018*	100*	0.05	ppm	2. Discharge of strong arsenic discharge from metal refineries (arsenic is highly toxic)
13. Chloride	N	2018*	2.1	1.9 - 2.1	ppb	Discharge from steel and pig iron, products of various industries
14. Copper	N	2017**	5	0	ppm	1.1. Contamination of household plumbing systems, erosion of natural deposits, leaching from acid rainwater
16. Fluoride	N	2018*	2.15	2.0 - 2.15	ppm	4. Erosion of natural deposits, water

Source Water Protection Tips

Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water source in several ways:

- Boiler/Radiant heater (water heaters no included)
- Underground law sprinkler system
- Pool or hot tub (whirlpool tubs no included)
- Additional source(s) of water on the property
- Decorative pond
- Watering trough

Cross Connection Control Survey

The purpose of this survey is to determine whether a cross-connection may exist at your home or business. A cross connection is an unprotected or improper connection to a public water distribution system may cause contamination or pollution to enter the system. We are responsible for enforcing cross-connection control regulations and insuring that no contaminants can, under any flow conditions, enter the distribution system. If you have any of the devices listed below please contact us so that we can discuss the issue, and if needed, survey your connection and assist you in isolating it if that is necessary.

- Boiler/Radiant heater (water heaters no included)
- Underground law sprinkler system
- Pool or hot tub (whirlpool tubs no included)
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- Watering trough

to replace. To check your toilet for a leak, place a few drops of food coloring in the tank and wait. If it seeps into the bowl without flushing, you have a leak. Fixing it or replacing it with a new, more efficient model can save up to 1,000 gallons a month.

- Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it and during the cooler parts of the day to reduce evaporation.
- Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!
- Visit www.epa.gov/watersense for more information.

used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601-576-7582 if you wish to have your water tested.

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